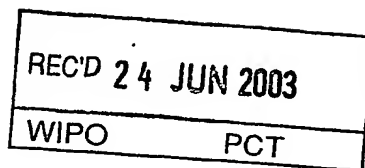




PCT/AU03/00698



Patent Office
Canberra

I, JONNE YABSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. PS 2701 for a patent by NEIL WILSON AND VIMELA SARMA as filed on 03 June 2002.



WITNESS my hand this
Seventeenth day of June 2003

JR Yabsley

JONNE YABSLEY
TEAM LEADER EXAMINATION
SUPPORT AND SALES

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AUSTRALIA
Patents Act 1990

**PROVISIONAL SPECIFICATION
PROVISIONAL PATENT**

***ASHWYN
FOOTREST DEVICE***

The invention is described in the following statement:

ASHWYN FOOTREST DEVICE

5 The invention relates to improvements in devices for stimulating blood flow in the lower limbs.

 The device and its operation as conceptualized is known to feasible because all aspects of the technology, materials and its
10 operation are already found in other existing products. However these aspects have not been incorporated into a single innovation with design and used for this purpose.

 Essentially, the concept is a four compartment compressible
15 air bag fitted on a footrest. One side of the bag will inflate when pumped by the foot of the operator. Air valves link the compartments such that resistance is offered to the operator when one side is pushed down. This action will cause the other side to inflate so that the other foot can press on it.

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 The four compartments mean that, in addition, a heal-toe movement is possible as well as pumping action of both legs. This design is based on our research on movements which are helpful. The unit may deflate when not in use and is tucked under the seat
25 of the operator.

 In one embodiment The device has a small LCD (liquid crystal display) screen with basic electronics, monitoring the

2.

ASHWYN FOOTREST DEVICE

number of times the device has been depressed, over each time
5 period, etc.

An important feature of this device is that it is a fixture and
hence cannot be a hazard. The basic design will be adapted for
the various applications identified – airline seats, wheelchairs,
10 hospital beds, buses and trains, etc.

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Neil Wilson and

Vimela Sarma 30 June 2002